

ASSIGNMENT

WHEREAS, we, Buddy D. Ratner, Frank Turecek, William T. Elam, Hak-No Lee, and Kathryn J. Kitching (hereinafter referred to as ASSIGNS), having mailing addresses of 1612 Bigelow Avenue North, Seattle, Washington, 98109; 7001 29th Avenue Northeast, Seattle, Washington, 98115; 10551 158th Avenue Northeast, Redmond, Washington, 98052; 7924 236th Street Southwest, Apt. 306, Edmonds, Washington, 98026; and 1400 Hubbell Place, #1114, Seattle, Washington, 98101, respectively, are the joint inventors of an invention entitled "METHOD AND APPARATUS FOR PRECISION COATING OF MOLECULES ON THE SURFACES OF MATERIALS AND DEVICES," as described and claimed in the specification for which an application for United States letters patent was filed on February 20, 2002, and assigned Application No. 10/081,990.

WHEREAS, the University of Washington (hereinafter referred to as ASSIGNEE), a nonprofit corporation of the State of Washington having a place of business at 1107 Northeast 45th Street, Suite 200, Box 354810, Seattle, Washington, 98105, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

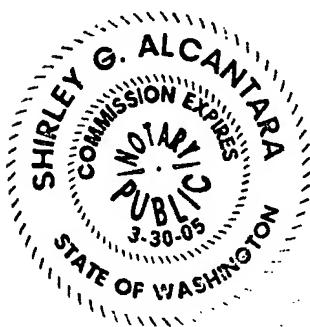
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNS had this assignment, transfer and sale not been made. ASSIGNS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

4/22/02

Date

Buddy D. Ratner

I certify that I know or have satisfactory evidence that Buddy D. Ratner is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated April 22, 2002

Signature of
Notary Public Shirley R. Alcantara

Printed Name SHIRLEY G. ALCANTARA

My appointment expires 3-30-05

Date

Frank Turecek

I certify that I know or have satisfactory evidence that Frank Turecek is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public

Printed Name

My appointment expires SEARCH FOR ANOTHER

Date _____ William T. Elam _____
State of _____) _____ C
) ss.
County of _____)

I certify that I know or have satisfactory evidence that William T. Elam is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____
Signature of
Notary Public _____
Printed Name _____
My appointment expires _____

Date Hak-No Lee
State of _____)
) ss.
County of _____)

I certify that I know or have satisfactory evidence that Hak-No Lee is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____
Signature of
Notary Public _____
Printed Name _____
My appointment expires _____

Date	Kathryn J. Kitching
State of)
) ss.
County of)

I certify that I know or have satisfactory evidence that Kathryn J. Kitching is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of _____
Notary Public _____

Printed Name _____
My appointment expires _____

271065_1
(920010.40001)

ASSIGNMENT

WHEREAS, we, Buddy D. Ratner, Frank Turecek, William T. Elam, Hak-No Lee, and Kathryn J. Kitching (hereinafter referred to as ASSIGNSORS), having mailing addresses of 1612 Bigelow Avenue North, Seattle, Washington, 98109; 7001 29th Avenue Northeast, Seattle, Washington, 98115; 10551 158th Avenue Northeast, Redmond, Washington, 98052; 7924 236th Street Southwest, Apt. 306, Edmonds, Washington, 98026; and 1400 Hubbell Place, #1114, Seattle, Washington, 98101, respectively, are the joint inventors of an invention entitled "METHOD AND APPARATUS FOR PRECISION COATING OF MOLECULES ON THE SURFACES OF MATERIALS AND DEVICES," as described and claimed in the specification for which an application for United States letters patent was filed on February 20, 2002, and assigned Application No. 10/081,990.

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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNSORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNSORS had this assignment, transfer and sale not been made. ASSIGNSORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNSORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date

Buddy D. Ratner

State of)

) ss.

County of)

I certify that I know or have satisfactory evidence that Buddy D. Ratner is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of _____
Notary Public _____

Printed Name _____

My appointment expires _____

4/12/02

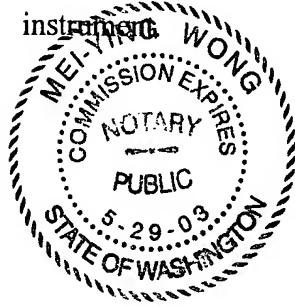
Date



Frank Turecek

State of washington)
)
) ss.
 County of KING)

I certify that I know or have satisfactory evidence that Frank Turecek is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 4-12-02Signature of _____
Notary Public Meiyi WongPrinted Name MEIYING WONGMy appointment expires May 29, 2003

Date **William T. Elam**

State of)
) ss.
County of)

I certify that I know or have satisfactory evidence that William T. Elam is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

**Signature of
Notary Public**

Printed Name _____
My appointment expires _____

Date **Hak-No Lee**

State of)
)
) ss.
County of)

I certify that I know or have satisfactory evidence that Hak-No Lee is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument

Dated

Signature of
Notary Public

Printed Name _____
My appointment expires _____

Date

Kathryn J. Kitching

State of)
)
) ss.
County of)

I certify that I know or have satisfactory evidence that Kathryn J. Kitching is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of _____
Notary Public _____

Printed Name _____
My appointment expires _____

271065_1
(920010.40001)

ASSIGNMENT

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Date	Buddy D. Ratner
State of)
) ss.
County of)

I certify that I know or have satisfactory evidence that Buddy D. Ratner is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____
My appointment expires _____

Date	Frank Turecek
State of)
) ss.
County of)

I certify that I know or have satisfactory evidence that Frank Turecek is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____
My appointment expires _____

April 15, 2002

Date

Wm. Timothy Elam

William T. Elam

State of Washington)
)
 ss.
 County of King)

I certify that I know or have satisfactory evidence that William T. Elam is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 15 April 2002Signature of
Notary Public Marcia J. KaufPrinted Name Marcia J. KaufmanMy appointment expires 9 January 2005

Date

Hak-No Lee

State of)
)
 ss.
 County of)

I certify that I know or have satisfactory evidence that Hak-No Lee is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____

My appointment expires _____

Date

Kathryn J. Kitching

State of)
)
) ss.
County of)

I certify that I know or have satisfactory evidence that Kathryn J. Kitching is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of _____
Notary Public _____

Printed Name _____
My appointment expires _____

271065_1
(920010.40001)

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Date	Buddy D. Ratner
State of)
) ss.
County of)

I certify that I know or have satisfactory evidence that Buddy D. Ratner is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____
Signature of _____
Notary Public _____
Printed Name _____
My appointment expires _____

Date	Frank Turecek
State of)
) ss.
County of)

I certify that I know or have satisfactory evidence that Frank Turecek is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____
Signature of _____
Notary Public _____
Printed Name _____
My appointment expires _____

Date	William T. Elam
State of)
) ss.
County of)

I certify that I know or have satisfactory evidence that William T. Elam is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____
 Signature of _____
 Notary Public _____
 Printed Name _____
 My appointment expires _____

<u>5-20-02</u>	<u>Hak-No Lee</u>
Date	Hak-No Lee

State of)
) ss.
County of)

I certify that I know or have satisfactory evidence that Hak-No Lee is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 5/20/02
 Signature of _____
 Notary Public Evelyn Hilton
 Printed Name Evelyn Hilton
 My appointment expires 5/05/05

Date	Kathryn J. Kitching
State of)
) ss.
County of)

I certify that I know or have satisfactory evidence that Kathryn J. Kitching is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of _____
Notary Public _____

Printed Name _____
My appointment expires _____

271065_1
(920010.40001)

ASSIGNMENT

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Date

Buddy D. Ratner

State of

)

) ss.

County of

)

I certify that I know or have satisfactory evidence that Buddy D. Ratner is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____

My appointment expires _____

Date

Frank Turecek

State of

)

) ss.

County of

)

I certify that I know or have satisfactory evidence that Frank Turecek is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____

My appointment expires _____

Date

William T. Elam

State of)
)
) ss.
County of)

I certify that I know or have satisfactory evidence that William T. Elam is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____
My appointment expires _____

Date

Hak-No Lee

State of)
)
) ss.
County of)

I certify that I know or have satisfactory evidence that Hak-No Lee is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated _____

Signature of
Notary Public _____

Printed Name _____
My appointment expires _____

1ST MAY 2002
Date

Kathryn J. Kitching
Kathryn J. Kitching

State of Washington)
)
County of King)

I certify that I know or have satisfactory evidence that Kathryn J. Kitching is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 5/1/2002

Signature of
Notary Public Meghan B. Nash

Printed Name Meghan B. Nash

My appointment expires 12-29-2005

271065_1
(920010.40001)

